The Aluminum Situation

Department of Economics and Statistics — **August 1984**

Six Month Shipments Up 21.2 Percent

Net shipments for the first six months of 1984, at an estimated 8,326 million pounds, were 21.2 percent higher than the 6,867 million pounds for 1983's first six months.

Domestic shipments of 7,822 million pounds were 24 percent higher than the 6,311 million pounds shipped in 1983's first six months.

Six-month Imports were up 41.1 percent but exports declined 9.4 percent.

Thru June 1984

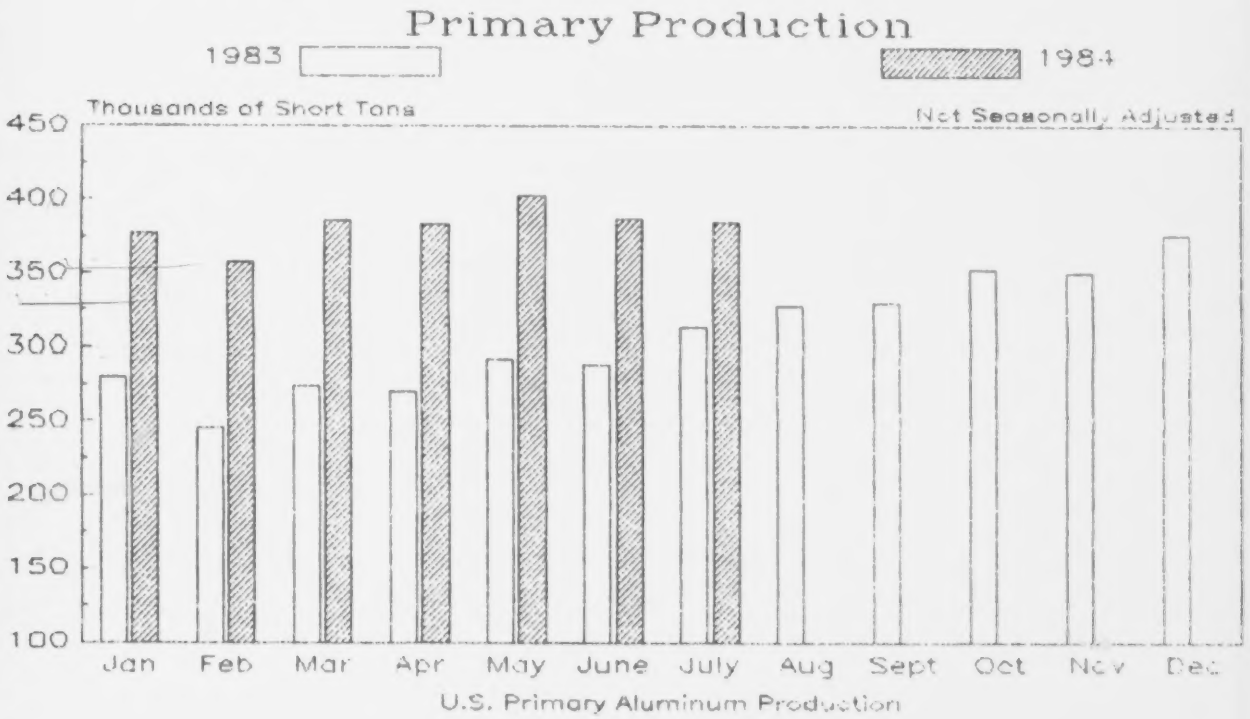
	6 mos. 1984	6 mos. 1983	% Change
Mill Products	6,293	5,519	+14.0
Ingot	2,033	1,348	+50.8
Total	8,326	6,867	+21.2
Less Exports	(504)	(556)	- 9.4
Domestic Total	7,822	6,311	+23.9

Production Rate Up 23.0 Percent

U.S. primary aluminum production averaged 12,417 short tons daily during July 1984 compared with an average 10,096 tons a day in July 1983.

The annual rate of production in July 1984 was 4,544,439 tons, compared to 3,685,217 tons in July 1983. June 1984 production rate was 4,719,570 tons.

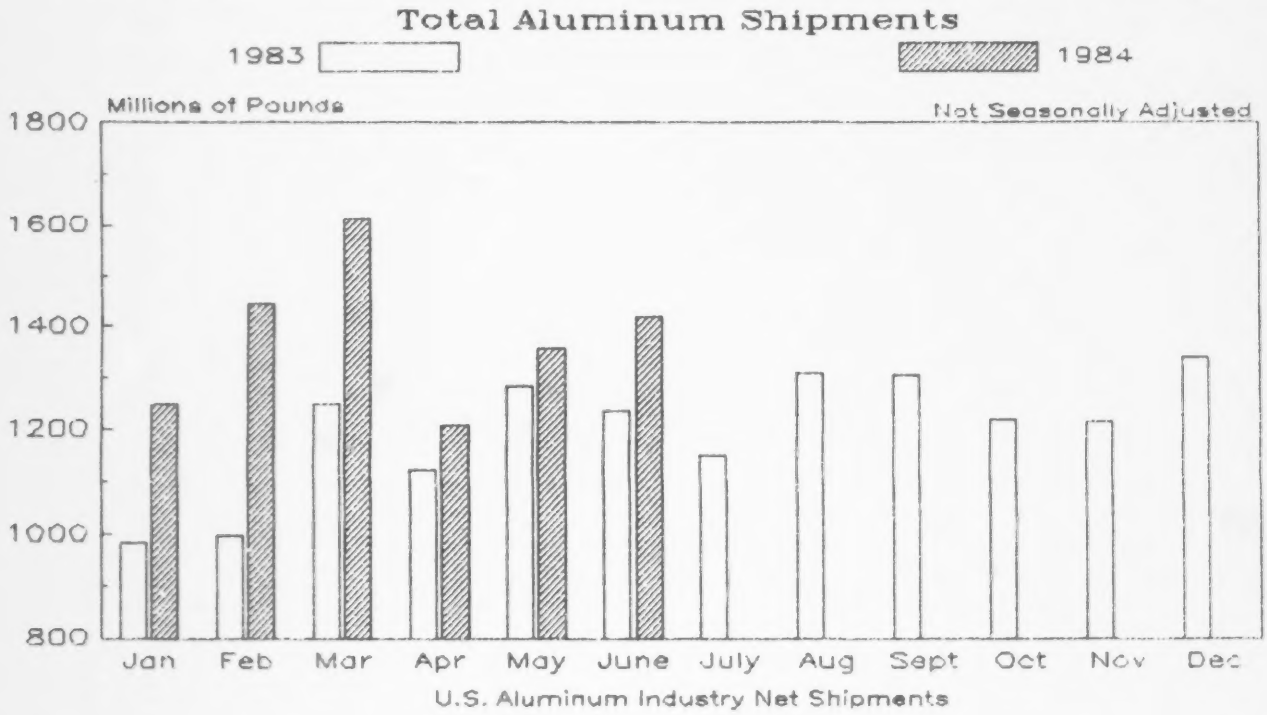
Actual production in July 1984 was 384,912 tons.



Aluminum Association total industry estimates are based on information reported by members, which is aggregated by the Association and then expanded to total industry data utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.

June 1984 Shipments Up 14.9 Percent Over Year Ago

June 1984 net shipments at an estimated 1,418 million pounds were 14.9 percent higher than June 1983 shipments of 1,235 million pounds. Domestic shipments were up 14.0 percent vs. June 1983. Six-month domestic shipments improved 23.9 percent.



Net Shipments

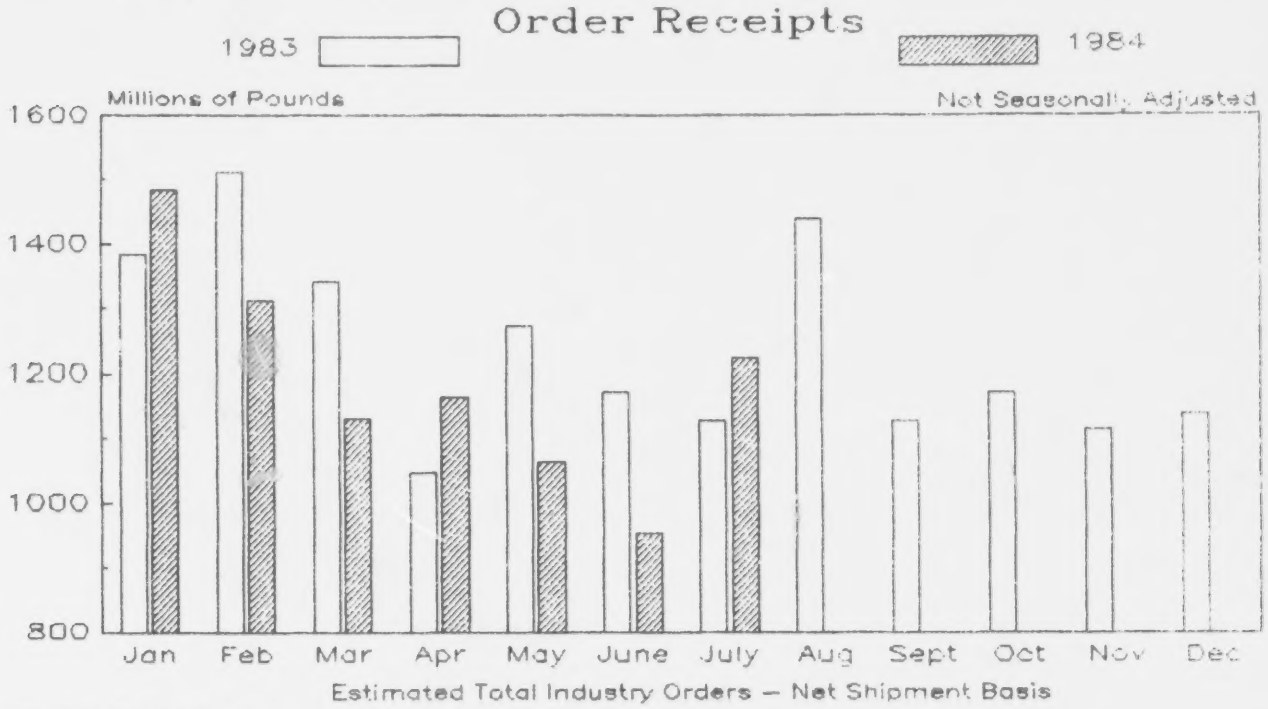
(Millions of Pounds)

	1984 June	1983 June	1984 6 mos.	1983 6 mos.	% Change 1984 vs. 1983
Sheet	536.0	526.5	3,333.4	3,013.4	+10.6
Plate	23.0	16.9	128.3	107.3	+19.6
Foil	76.0	73.9	432.5	424.1	+ 2.0
Rod, Bar & Wire	25.0	20.2	150.7	134.8	+11.8
Electrical Conductor	60.0	65.1	354.4	353.8	+ 0.2
Extruded Products	223.0	202.0	1,288.4	1,101.1	+17.0
Welded Tube	9.0	4.8	47.5	25.9	+83.4
Powder & Paste	7.0	5.5	45.8	44.2	+ 3.6
Forgings & Impacts	12.0	9.5	73.4	57.4	+27.9
Net Imports of Mill Products (Total)(a)	75.0	41.4	439.0	256.9	+70.9
Total Mill Products	1,046.0	965.8	6,293.4	5,518.9	+14.0
Ingot(b)	372.0	268.8	2,032.7	1,348.1	+50.8
TOTAL INDUSTRY SHIPMENTS	1,418.0	1,234.6	8,326.1	6,867.0	+21.2
Exports	(93.0)	(72.4)	(503.8)	(556.0)	- 9.4
TOTAL DOMESTIC SHIPMENTS	1,325.0	1,162.2	7,822.3	6,311.0	+23.9

*Latest two months estimated by the Aluminum Association.
Previous data-Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.
r-revised

July 1984 Order Receipts 8.2 Percent Higher vs. Year Ago

Estimated net new order receipts for July 1984 of 1,221 million pounds were 8.2 percent higher than the 1,128 million pounds for July 1983. Domestic orders were 9.9 percent higher. The seven-month total orders for domestic mill products were 5.2 percent lower than the comparable 1983 period, however.



Order Receipts

(Millions of Pounds)

	1984* July	1983 July	1984 7 months	1983 7 months	% Change 1984 v. 1983
Can Stock(a)	196.2	199.8	1,831.8	1,834.2	- 0.1
Sheet & Plate, Other	227.3	355.7	1,955.7	2,537.2	-22.9
Foil	68.5	60.1	473.0	503.2	- 6.0
Rod, Bar & Wire	20.2	11.5	163.3	142.2	+14.8
Electrical Conductor	81.9	39.4	483.0	365.3	+32.2
Extruded Products	208.6	176.7	1,340.5	1,268.7	+ 5.7
Powder & Paste	12.4	6.0	70.8	55.7	+27.1
Forgings & Impacts	9.3	7.6	83.1	45.7	+82.7
Domestic Mill Products	824.4	856.8	6,401.6	6,752.2	- 5.2
Ingot(Total)	288.2	155.3	1,396.1	1,504.4	- 7.2
TOTAL DOMESTIC	1,112.6	1,012.1	7,797.7	8,256.6	- 5.6
Exports	108.2	115.9	525.4	598.9	-12.3
TOTAL ALL PRODUCTS	1,220.8	1,128.0	8,323.1	8,855.5	- 6.0

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.
(a) Import orders included in Sheet and Plate, Other.
*Latest month.
r-revised.

Inventories Increased in June 1984 By 49 Million Pounds

Producer inventories increased an estimated 49 million pounds in June 1984 from May 1984. Integrated producers' stocks went up 55 million pounds. Non-integrated stocks declined slightly.

Month-End Aluminum Inventories
By Type of Producer
Figures in Millions of Pounds

Month	Total*	Integrated	Smelters	Non-Integrated
Dec 80	5,076	4,018	261	797
Dec 81	6,607	5,542	266	798
Dec 82	6,199	5,224	216	759
Jun 83	5,439	4,431	199	809
Jul 83	5,472	4,453	193	826
Aug 83	5,375	4,345	192	838
Sep 83	5,258	4,209	202	848
Oct 83	5,296	4,260	198	838
Nov 83	5,208	4,140	193	874
Dec 83	5,009	3,979	163	868
Jan 84	5,176	4,081	206	889
Feb 84	5,229	4,116	209	904
Mar 84	5,305r	4,167	214r	923r
Apr 84	5,434r	4,289r	220r	926r
May 84	5,563r	4,417r	220r	926r
Jun 84	5,612	4,472	220	920

Imports and Exports

(Millions of Pounds)

		1984 June	1983 June	1984 6 mos.	1983 6 mos.	% Change 1984 v. 1983
Imports	Mill Products	92.1	46.5	529.2	295.2	+79.3
	Ingot	147.1	182.5	1,059.2	853.0	+24.2
	Total	239.2	229.0	1,588.4	1,148.2	+38.3
	Scrap (+ dross)	26.7	19.7	145.1	80.5	+80.2
	Grand Total	265.9	248.7	1,733.5	1,228.7	+41.1
Exports	Mill Products	45.0	39.6	264.8	232.9	+13.7
	Ingot	48.0	32.8	239.0	323.1	-26.0
	Total	93.0	72.4	503.8	556.0	- 9.4
	Scrap	36.0	55.2	224.2	238.9	- 6.2
	Grand Total	129.0	127.6	728.0	794.9	- 8.4
Net Imports		136.9	121.1	1,005.5	433.8	

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Excludes backed foil.